

REMARKS

Sequence Listing

Enclosed herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a Sequence Listing submitted on two (2) identical CD-Rs (labeled "Replacement Copy 1" and "Replacement Copy 2") under 37 C.F.R. §1.821(c) in place of the paper copy. The computer readable form of the Sequence Listing is submitted herewith on one (1) additional CD-R (labeled "Computer Readable Form") as required by §1.821(e). These three (3) identical files of the Sequence Listing file "2002-02-28 consensus seqs.ST25.txt" on each CD-R, in no way introduce new matter into the specification.

Also on the two (2) identical CD-Rs labeled "Replacement Copy 1" and "Replacement Copy 2" is an amended version of the Protein Domain Table, file "2002-02-28 Protein Domain Table.txt", submitted in a clean form without markings as to amended material. The Protein Domain Table was originally filed on CD-R as file "001018 Protein Domain Table.txt". The amendments to the Protein Domain Table are being made to reference the sequences containing four or more amino acids disclosed in the specification by their SEQ ID NOS. No new matter is introduced by these amendments or by the submission of a new protein domain table file.

As required under 37 C.F.R. §1.121, a marked-up copy of the Protein Domain Table, file "2002-02-28 Marked Version of Protein Domain Table.txt", is enclosed herewith on a fourth compact disk labeled "Disk with Markings". This marked-up copy file shows the matter being added to and the matter being deleted from the Protein

Domain Table of record. This file shows the material being added to the Protein Domain Table by including the tags "<u>" before and "</u>" after any amendments that were added to this file. Any material deleted from the Protein Domain Table of record is tagged with a "" before and a "" after the deleted material. No new matter is being added by these amendments.

The format for submitting these amendments made to the Protein Domain Table filed on CD-R and for submitting a marked-up version of the changes made to the Protein Domain Table on CD-R was recommended by Michael Lewis and Joe Narcavage from the Office of Patent Legal Administration who indicated that this was currently the most acceptable format for amending CD-R files. Submitting substitute compact disks gives the Patent Office the advantage of saving the time needed to enter the large volume of amendments in the specification and reducing the number of printing errors. It also saves the Applicant and the Patent Office the space needed to print and store the 800+ pages associated with the paper copy of the file "2002-02-28 Protein Domain Table.txt".

Extension of Time

A five (5) month(s) extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. §1.136 and 37 C.F.R. §1.17 has been petitioned for and the applicable fees have been paid in the accompanying response to the Notice to File Missing Parts filed on February 28, 2002 for the present application number.

If the Primary Deposit Account No. 50-1055 is deficient and non-payment will result in a loss of rights, the Commissioner is hereby authorized in this, concurrent and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,
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Attachments: -One (1) CD-R of computer readable form of the Sequence Listing
-Two (2) (identical) CD-Rs containing Sequence Listing (in place of the Paper Copy) and Domain Table
-One (1) CD-R containing the version with markings to show changes made
-Version of Paragraph Amendments showing changes

RCS/DRN/CAV

Version of Paragraph Amendments Showing Changes:

(added material is in Bold and Underline, deleted material is in brackets)

Please replace the paragraph on page 1, line 6 with the substitute paragraph below:

--This application contains a CDR, the entire contents of which are hereby incorporated by reference. The CDR contains the following files:

File Name	Date of Creation	File Size
[001018 Protein Domain Table]	[October 19, 2000]	[2.05 MB]
<u>2002-02-28 Protein Domain Table.txt</u>	<u>February 28, 2002</u>	<u>2.10 MB</u>
<u>2002-02-28 consensus seqs.ST25.txt</u>	<u>February 28, 2002</u>	<u>156 KB</u>

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